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- (71) Applicant (for all designated States except US): SE-MEION [IT/IT]; V. Sersale 117/119, I-00128 Roma (IT).
- (72) Inventor; and
- (75) Inventor/Applicant (for US only): BUSCEMA, Paolo, Massimo [IT/IT]; V. Nicola Coviello 47, I-00163 Roma (IT).
- (74) Agent: KARAGHIOSOFF, Alessandro, Giorgio; Studio Karaghiosoff e Frizzi, V. Pecorile 25, I-17015 Celle Ligure (IT).

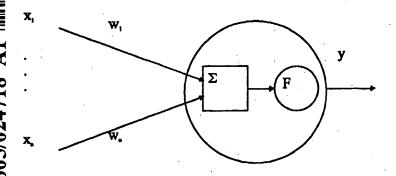
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(54) Title: AN ARTIFICIAL NEURAL NETWORK



Conceptual processing in classical networks

(57) Abstract: An artificial neural network comprises at least one input layer with a predetermined number of input nodes and at least one output layer with a predetermined number of output nodes or also at least one intermediate hidden layer with a predetermined number of nodes between the input and the output layer. At least the nodes of the output layer and/or of the hidden layer and/or also of the input layer carry out a non linear transformation of a first non linear transformation of the input data for computing an output value to be fed as an input value to a following layer or the output data if the output layer is considered.

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